

ABSTRACT:

The present invention relates to interpolating a missing color value of a given pixel in an array of pixels. The missing color value is determined from color values of neighboring pixels using a median-based technique in which the median is taken of the four pixels values of the horizontally and vertically neighboring pixels (G1-G4) having a same color as the missing color value, and color information from at least one other color (R/B) at the given pixel.

(Fig. 1)